

WHAT IS CLAIMED IS:

1. A method for generating a dynamic carbohydrate library comprising subjecting a carbohydrate scaffold to intramolecular acyl migration using a boronic acid selector.
2. The method according to claim 1 wherein the carbohydrate scaffold is a monomeric carbohydrate.
3. The method according to claim 1 wherein the carbohydrate scaffold is selected from the group consisting of dimers and oligomers having monomers connected by an ester bond.
4. The method according to claim 1 wherein the boronic acid selector is phenyl boronic acid.
5. The method according to claim 1 wherein the generating is conducted in a basic medium.
6. The method according to claim 1 wherein the carbohydrate scaffold is inositol.
7. The method according to claim 7 wherein the inositol is *chiro*-inositol.